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Binetrakin

National Cancer Institute

Source

National Cancer Institute. *Binetrakin*. NCI Thesaurus. Code C589.

A recombinant agent chemically identical to or similar to the endogenous cytokine interleukin-4 (IL-4). Produced primarily by activated T-cells, IL-4 binds to and activates its cell-surface receptor, stimulating the proliferation and differentiation of activated B-cells and enhancing their ability to present antigens to T-cells. As a potential immunotherapeutic agent, recombinant IL-4 also augments the effects of other cytokines on dendritic cells (DC), cytotoxic T lymphocytes (CTL), and tumor-infiltrating lymphocytes (TIL).